



Patent
Attorney's Docket No. 032230-032

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Bradley S. CARLSON et al.) Group Art Unit: 2811
Application No.: 09/843,946) Examiner: Unassigned
Filed: April 30, 2001)
For: IMAGER INTEGRATED CMOS)
CIRCUIT CHIP AND ASSOCIATED)
OPTICAL CODE READING SYSTEMS)

**INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

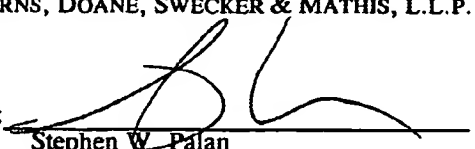
- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By: 
Stephen W. Palan
Registration No. 43,420

Date: July 24, 2001



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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

U.S. 5,461,425

U.S. 5,614,744

U.S. 5,815,431

Orlando AUCIELLO et al., "*The Physics of Ferroelectric Memories*", Physics Today, July 1998, pgs. 22-27, S-0031-9228-9807-010-0, American Institute of Physics.

P.M. Acosta SERAFINI et al., "*A Programmable, Wide Dynamic Range CMOS Imager with On-Chip Automatic Exposure Control*", downloaded from www.mtl.mit.edu/sodini/imager_with_auto_exp_control.html on 11/21/00, 1 page.

Terry ZARNOWSKI, "*The Active Column Sensor CMOS/Imager- Giving Better Images for Less*", Standard MEMS MicroMachines, Sensors April 2000, downloaded from www.sensormag.com/articles/0400/81/main.shtml, pgs. 1-4.

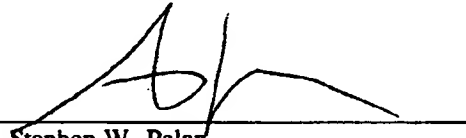
The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:


Stephen W. Palan
Registration No. 43,420

Alexandria, Virginia 22313-1404
(703) 836-6620

Date: July 24, 2001

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.

032230-032

APPLICATION NO.

09/843,946

APPLICANT

Bradley S. CARLSON et al.

FILING DATE

April 30, 2001

GROUP

2811

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	5,461,425		Fowler et al.	10-24-1995
	5,614,744		Merrill	03-25-1997
	5,815,431		Chen	09-29-1998

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Orlando AUCIELLO et al., "The Physics of Ferroelectric Memories", Physics Today, July 1998, pgs. 22-27, S-0031-9228-9807-010-0, American Institute of Physics.
	P.M. Acosta SERAFINI et al., "A Programmable, Wide Dynamic Range CMOS Imager with On-Chip Automatic Exposure Control", downloaded from www.mtl.mit.edu/sodini/imager_with_auto_exp_control.html on 11/21/00, 1 page.
	Terry ZARNOWSKI, "The Active Column Sensor CMOS/Imager- Giving Better Images for Less", Standard MEMS MicroMachines, Sensors April 2000, downloaded from www.sensormag.com/articles/0400/81/main.shtml , pgs. 1-4.
Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.